

IT (PLICATE)

Land Office **UTAH**
Lease No. **09834**
Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUN 13 1955

NOTICES AND REPORTS ON WELLS

☐ SUBSEQUENT REPORT OF WATER SHUT-OFF
☐ SUBSEQUENT REPORT OF STOPPING OR ACTIVATING
☐ SUBSEQUENT REPORT OF ALTERING CASING
☐ SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
☐ SUBSEQUENT REPORT OF ABANDONMENT
☐ SUPPLEMENTARY WELL HISTORY

ALTER CASING

NOTICE OF INTENTION TO ABANDON WELL

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 23, 1955

Well No. **1** is located **990** ft. from **[N]** line and **600** ft. from **[W]** line of sec. **6**

LOT 4 (NE 1/4) SEC. 6 **21 SOUTH** **23 EAST** **SALT LAKE**
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)

NW CISED (wildcat) **GRAND** **UTAH**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4727** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

A 2500' EXTRA TEST
10-3/4" @ 150' (SURFACE PIPE CEMENTED TOP TO BOTTOM)
5-1/2" PRODUCTION STRING

A PROPOSED TEST TO THE TOP OF THE EXTRA SAND. WILL ALSO EXAMINE AND TEST SANDS AT ± 1500' AND ALL MERRISON SANDS ± 1500'-2000'. IF WATER AND/OR GAS IS FOUND IN UPPER ZONES AN 8" INTERMEDIATE STRING WILL BE RUN.

(APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **TEXAS OIL COMPANY**

Address **212 SOUTH GRANT BUILDING**

HOUSTON, TEXAS

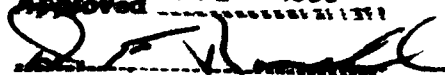
By **E. Z. Kolm**

Title **GEOLOGIST**

FEDERAL LAND

CONDITIONS OF APPROVAL

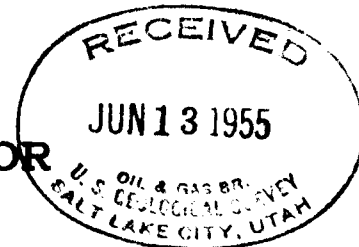
1. The lessee or operator shall mark the derrick or well in a conspicuous place with the name of the operator, well number, the land office and serial number of the lease, and location of the well and shall take all necessary precautions to preserve these markings.
2. A conductor or surface string of casing shall be run and cemented from bottom to surface unless other procedure is expressly authorized by this approval. The conductor or surface string shall be of sufficient weight and length and have installed thereon the proper and necessary high pressure fittings and equipment to keep the well under control in case an unexpected flow of gas, oil or water is encountered.
3. All showings of oil or gas are to be adequately tested for their commercial possibilities. All showings shall be properly protected by mud, cement, or casing so that each showing will be confined to its original stratum. Necessary precautions shall be taken to prevent waste or damage to other minerals drilled through and the U. S. Geological Survey, upon request, shall be furnished with carefully taken samples of such minerals as coal, potash, and salt.
4. Lessee's Monthly Report of Operations (Form 9-329) shall be filed in duplicate with the office of U. S. Geological Survey, P. O. Box 400, Casper, Wyoming, not later than the sixth of the succeeding month. The report should show for this well any change of status occurring within the particular month such as date drilling commenced, suspended, resumed or completed, total depth as of the end of the month, and if shut down the reason therefor.
5. Two copies of the log of this well on Form 9-330, or other acceptable form and ~~when available~~ two copies of all electrical logs, directional, diameter and temperature surveys of the hole shall be filed with the district engineer within 15 days after such information is received by operator on completion of the well whichever is earlier.
6. The District Engineer, D. F. Russell, 306 Federal Bldg., Salt Lake City 1, Utah
Phone: 4-2552, Ext. 433, shall be notified on Form 9-331a in triplicate giving thereon all necessary details of the proposed operation or test for proper consideration and action sufficiently in advance of making casing or formation tests, shooting or acidizing, running or cementing casing, other than the surface or conductor string, to permit approval of the notice prior to date of proposed work.

Approved JUN 13 1955

District Engineer

1955 JUN 13 11 05

RECEIVED
SUPERVISOR OF OIL AND GAS OPERATIONS:
LAND & SURVEY
SALT LAKE CITY, UTAH

DESIGNATION OF OPERATOR



The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH
SERIAL No.: 09834

and hereby designates

NAME: **TEXAS OIL COMPANY**
ADDRESS: **902 SOUTH COAST BUILDING, HOUSTON, TEXAS**

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

TOWNSHIP 21 SOUTH, RANGE 23 EAST

SECTION 6: LOT 4 (NW $\frac{1}{4}$ NW $\frac{1}{4}$)

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

x Joseph P. Duran
(Signature of lessee)

MAY 23, 1955

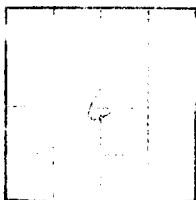
(Date)

P. O. Box 66, Casper, Wyoming

(Address)

ORIGINAL FORWARDED TO CASPER

Copy " BTM, SLC.



COPIES IN TRIPLICATE

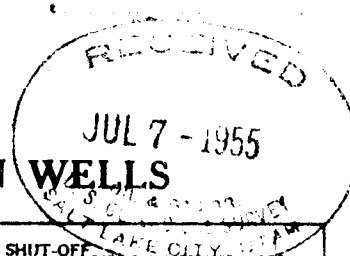
Land Office **UTAH**

to **09834**

FAT.
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

SUNDRY NOTICES AND REPORTS ON WELLS



NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

JUL 6

1955

Well No. **1** is located **990** ft. from **[N]** line and **660** ft. from **[W]** line of sec. **6**

LOT 4 (NE 1/4) SEC. 6 **21 SOUTH 23 EAST** **SALT LAKE**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

CINCO
(Field)

CHANDLER
(County or Subdivision)

UTAH
(State or Territory)

The elevation of the derrick floor above sea level is **4727** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

PLAN TO RUN INTERMEDIATE 8" CASING STRING TO 1560' TO PREVENT CASE IN THE MORRISON FORMATION.

SANDATA TOP 1427' BY SAMPLE.

MORRISON TOP 1467' BY SAMPLE.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **TECHNICAL COMPANY**

Address **302 SOUTH CHASE LIFE BUILDING**

MURFREESBORO, TENNESSEE

By

E. L. Helms

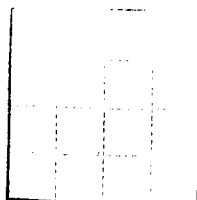
Title

G. L. Helms
ENGINEER

Approved

[Signature]

District Engineer

MIL AT
NIT ATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYOffice **UTAH**
Use No. **09834**
Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 6, 1955

Well No. **1** is located **990** ft. from **[N]** line and **660** ft. from **[W]** line of sec. **6**Lot 4 (NW 1/4) Sec. 6 21 S 23 E SALT LAKE
(1/4 Sec. and 1 Sec. No.) (Twp.) (Range) (Meridian)
WILDCAT GRAND UTAH
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is **4727** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

WELL PLUGGING PROGRAM

1862' TOTAL DEPTH

1862' to 1672' WITH 60 SACS.

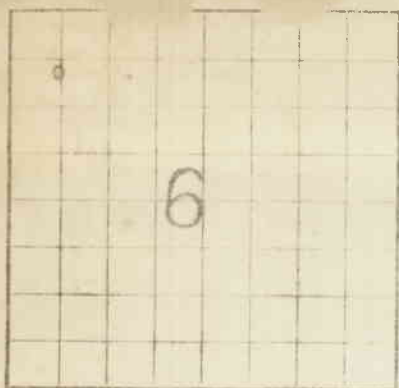
1427' to 1377' WITH 25 SACS.

225' to 175' WITH 25 SACS.

SURFACE PLUG WITH 10 SACS.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **TEXAS OIL COMPANY**Address **902 SOUTH OREGON LIFE BLDG.****HOUSTON, TEXAS**Approved **AUG 11 1955**
District EngineerBy **G. L. Helms****G. L. HELMS**Title **CONSULTING GEOLOGIST**



LOCATE WELL CORRECTLY



Form No. 42 (11-3053)
Expires 12-31-55

UTAH
U. S. LAND OFFICE
FILE NUMBER 09834
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

LOG OF OIL OR GAS WELL

902 SOUTH COAST LIFE BUILDING
HOUSTON, TEXAS

Company **TEXAM OIL COMPANY**

Address

Lessor or Tract

Field **WILDCAT**

State **UTAH**

Well No. **1** Sec. **6** T **21S** R **23E** Meridian

SALT LAKE

County **GRAND**

+4622

Location **990** ft. **N.** of **S** Line and **660** ft. **W.** of **E** Line of **SECTION 6**

Elevation **4727**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

G. L. Helms

Date **AUGUST 22, 1955**

Title **CONSULTING GEOLOGIST**

The summary on this page is for the condition of the well at above date.

Commenced drilling **JUNE 15**, 1955 Finished drilling **AUGUST 13**, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from **1703** to **1715 G** ESTIMATE **40,000** CUBIC FEET PER DAY.
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from **1852** to **1862**
No. 2, from to
No. 3, from to
No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"				216'	4 1/2" 5x				
PULLED									
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud grade	Amount of mud used
	1862-1872	50 SACKS			
	1427-1477	25 SACKS			
	225-175	25 SACKS			
	SURFACE	10 SACKS			

POOR COPY

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Dr	Shot	Dr	Shot

TOOLS USED

Tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Tools were used from 0 feet to 1867 feet, and from _____ feet to _____ feet

DATES

Put to producing _____ 19____

The production for the first 24 hours was _____ barrels of fluid of which 100% was oil; 100%
 water, and _____ % sediment

If gas well, cu. ft. per 24 hours _____ Gasoline gasolite per 1,000 cu. ft. of gas _____

Rock pressure lbs. per sq. in. _____

EMPLOYEES

Driller _____ Driller

Driller _____ Driller

FORMATION RECORD

FROM	TO	LOCAL FEET	FORMATION
WELL STARTED IN LOWER HALF OF MANCOS SHALE (UPPER CRETACEOUS).			
40	1000	960	GRAY TO BLACK SHALE, SLIGHTLY SILTY, TRACE OF BENTONITE, HEAVY LIME.
1004	1048	44	GRAY-BLACK WITH FINE LIME SHALE.
1048	1053	5	AS ABOVE, SLIGHTLY SILTY.
1053	1065	12	GRAY-BLACK LIME MARINE SHALE.
1065	1071	6	AS ABOVE, SLIGHTLY SILTY.
1071	1123	52	GRAY-BLACK LIME MARINE SHALE, TRACE PYRITE.
1123	1136	13	GRAY SHALE, MORE LIME.
1136	1164	28	AS ABOVE, SLIGHTLY SILTY.
1164	1172	12	GRAY SHALE, LIME, BENTONITE, PYRITE.
1172	1180	8	GRAY SHALE, LIME, PYRITE.
1180	1192	14	GRAY SHALE AND GRAY LIME SILTSTONE.
1192	1204	12	GRAY SHALE, LIME.
1204	1231	27	GRAY LIME SHALE, SLIGHTLY SILTY.
1231	1237	6	GRAY SHALE, SILTY.
1237	1279	42	GRAY SHALE, LIME.
1279	1291	12	BENTONITIC SHALE, LIGHT GRAY.
1291	1297	6	GRAY SHALE.
1297	1323	26	GRAY SHALE, SILTY, LIME.
1323	1328	5	BLACK SHALE AND VERY FINE GRAINED SANDSTONE, GLAUCONITIC.
1328	1334	6	VERY FINE GRAINED SANDSTONE, GLAUCONITIC.
1334	1353	9	BLACK SHALE AND SANDSTONE AS ABOVE.

[OVER]

FORMATION RECORD - Continued

POOR COPY

FORMATION RECORD - Continued

FROM	TO	TOTAL FEET	FORMATION
1334	1334	0	UPPER SHALE AND SANDSTONE VS. SHALE
1353	1417	64	BLACK SHALE.
1417	1423	6	BENTONITE, LIGHT GRAY.
1423	1427	4	BENTONITE AND BLACK SHALE.
1501	1501	0	TOP OF SAKOTA
1427	1435	8	BLACK SHALE, MEDIUM SANDSTONE.
1435	1442	7	SILTSTONE.
1442	1458	26	LIGHT GRAY BENTONITIC SHALE.
1501	1501	0	SAMPLE TOP OF MORRISON
1467	1471	4	LIGHT GREEN-BLUE BENTONITIC SHALE.
1471	1493	17	AS ABOVE, CLEAN QUARTZ SAND.
1493	1514	23	LIGHT GREEN-BLUE BENTONITIC SHALE.
1514	1520	6	DARKER GREEN SHALE, OCCASIONAL RED SPECKS.
1520	1528	8	RED AND GREEN VARIATED SHALE, AMBER CHERT.
1528	1542	14	RED AND GREEN VARIATED SHALE, RED AND AMBER CHERT.
1542	1550	8	VARIATED SHALE, LIGHT GREEN.
1550	1556	6	VARIATED SHALE, LOOSE SANDGRAINS.
1556	1561	5	VARIATED SHALE AND WHITE LIMESTONE.
1561	1585	24	RED SHALE WITH LIMESTONE.
1585	1595	10	CONGLOMERATE SANDSTONE, LIGHT QUARTZ.
1595	1615	20	LAVERNE SHALE.
1615	1660	45	RED SILTY SHALE AND VERY FINE GRAINED SANDSTONE.
1660	1670	10	GRAY SHALE, GLAUCONITE.
1670	1680	10	GRAY-GREEN SHALE.
1680	1710	30	SANDSTONE, GLAUCONITIC, FINE GRAINED TO VERY FINE GRAINED, CHERT, DEAD OIL STAIN.
1710	1720	10	CONGLOMERATE SANDSTONE AND RED VARIATED SHALE.
1720	1730	10	VARIATED SHALE, CHERT.
1730	1770	40	RED SILTY SHALE.
1770	1780	10	GRAY-GREEN LIMESTONE.
1780	1830	50	GREEN SHALE.
1830	1850	20	SANDSTONE, FINE TO MEDIUM, DEAD OIL, SUB-ROUNDED TO SUB-ANGULAR.
1850	1850	0	TOP OF CANADA
1850	1867	17	SANDSTONE, SUB-ROUNDED, EOLIAN, FROSTED SURFACE.
1867	1867	0	TOTAL DEPTH.

WHOLE LOG RECORD

POOR COPY

U
OS

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
GEOLOGICAL SURVEY

STANDARD NOTICES AND REPORTS ON WELLS

PRELIMINARY REPORT OF WATER SHUT OFF	
PRELIMINARY REPORT OF SPOILING OR RESETTING	
SUBSEQUENT REPORT OF ALTERING CASING	
SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
SUBSEQUENT REPORT OF ABANDONMENT	X
PERMANENT WELL HISTORY	

(DATE ABOVE IS THE DATE OF REPORT, NOTICE, OR OTHER DATA)

March 5, 1956

Well is located 990 ft. from ~~NS~~ line and 660 ft. from ~~SE~~ line of sec. 6
 Lot 4, (NE1/4NW1/4) Sec. 5 21S 23E Salt Lake
 (Section Line No.) (Twp.) (Range) (Meridian)
 Wildcat Grand Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4727 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

PLUGGING RECORD

1862'-1672' with 60 sacks
 1427'-1377' with 25 sacks
 225'-175' with 25 sacks
 Surface with 10 sacks

Date of final plugging - August 13, 1955

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Texas National Petroleum Co. (formerly Texaco Oil & Gas Co.)
 Address 902 So. Coast Life Bldg.
 Houston 2, Texas

[Handwritten signature and stamp]
 District Engineer

By *[Handwritten signature]*
 W. T. Withers
 Title Engineer

U.S. GOVERNMENT PRINTING OFFICE

16-6437-5

ORIGINAL FORWARDED TO CASPER

13-011-115465